Claims.

1. Method for printing objects, whereby these objects (15) are provided with a multi-layered print, characterized in that to this aim, on one hand, two or more layers of printing medium (10-11-12), which at least partially are situated one above the other, are provided on a supple carrier (13) and, on the other hand, after that at least one of said layers (10-11-12) has been subjected to an at least partial curing treatment, these layers (10-11-12) are simultaneously transferred onto the object (15) to be printed by bringing said carrier (13), together with the layers of printing medium (10-11-12) present thereon, and the object (15) into mutual contact, and by removing the object (15) from the carrier (13) after the transfer of said layers (10-11-12) is completed.

Claims,

1.- Method for printing objects, whereby these objects (15) are provided with a multi-layered print, characterized in that to this aim, on one hand, two or more layers of printing medium (10-11-12), which at least partially are situated one above the other, are provided on a supple carrier (13) and, on the other hand, these layers (10-11-12) are simultaneously transferred onto the object (15) to be printed by bringing said carrier (13), together with the layers of printing medium (10-11-12) present thereon, and the object (15) into mutual contact.

2.- Method according to claim 1, characterized in that in between the application of two or more layers of printing medium (10-11-12), and possibly after the application of the last layer of printing medium (12), one or more of said layers (10-11-12) are subjected to a curing treatment, preferably by means of an exposure to ultraviolet radiation or by means of heating.

3.- Method according to claim 2, characterized in that a partial curing is provided.

4.- Method according to claim 2 or 3, characterized in that at least two layers (10-11) are subjected to a curing treatment and that the curing takes place in a selective manner, such that, when curing the second layer (11), little or no further curing of the first layer (10) will take place.

5.- Method according to any of the preceding claims, characterized in that the carrier (13), preceding the application of the layers of printing medium (10-11-12), is cleaned.

6.- Method according to claim 5, characterized in that the carrier (13) is cleaned by bringing it into contact with an element (17) which is provided with a self-adhesive layer, and subsequently removing this element (17) from the carrier (13), such that contaminations possibly present on the carrier (13) remain at the self-adhesive layer.

7.- Method according to any of the preceding claims, characterized in that the object (15) is printed with two or more layers of printing medium (10-11-12), chosen from the following series: a top layer in the form of a transparent varnish, a primer or basic layer, and an ink.

8.- Method according to any of the preceding claims, characterized in that use is made of at least two layers of printing medium (11-12), whereby the one printing medium (12) is chosen such that it is at least partially absorbed in the other printing medium (11), and whereby this latter printing medium (11), in other words, the absorbing printing medium (11), is chosen such that it provides for a good adherence to the underlying material with which it is or will be in contact.

9.- Method according to any of the preceding claims, characterized in that use is made of a flat carrier (13) in the form of a membrane.

10.- Method according to any of the preceding claims, characterized in that use is made of carriers (13) which, by means of a closed circuit, are moved along different processing stations (3-4-5-6-7-8-9) and an actual printing device (14), in which the respective layers of printing medium (10-11-12) successively are provided on the carriers (13), these layers (10-11-12) possibly are subjected to a drying process, and these layers (10-11-

12) finally, in said printing device (14), simultaneously are transferred onto the object (15) to be printed.

11.- Method according to any of the preceding claims, characterized in that, during the transfer of said layers (10-11-12) onto the object (15), the carrier (13) is brought into contact with means forming a support for the carrier (13) around the object (15) to be printed and, more particularly, provide for a clamping of the carrier (13).

12.- Method according to any of the preceding claims, characterized in that during the transfer of said layers (10-11-12) onto the object (15), the carrier (13) is brought into contact with a chamber-shaped part (34) which is open at one side (33), such that the open side (33) is sealed by the carrier (13) and a chamber is formed in which a pressure can be created with the purpose of assisting in pressing the carrier (13) around the object (15).

13.- Device for printing objects, more particularly according to the method of any of the preceding claims, characterized in that it ~~at least consists of~~ COMPRISES, on one hand, ~~means, more particularly~~ TWO OR MORE processing stations (3-4-5-6-7-8-9), for successively providing two or more layers of printing medium (10-11-12) on a supple carrier (13), and, on the other hand, an actual printing device (14), where said layers (10-11-12) are transferred onto the object (15) to be printed, by bringing said carrier (13), together with the layers of printing medium (10-11-2) present thereon, and the object (15) into mutual contact.

14.- Device according to claim ~~12 or~~ 13, characterized in that it comprises a moving, more particularly rotatable, table (25), in which several carriers (13) are or can be

provided, such that, by systematically rotating this table (25), the carriers (13), as aforementioned, end up in the respective processing stations (3-4-5-6-7-8-9) and the actual printing device (14).

15.- Printing device for printing objects, of the type whereby printing medium (10-11-12) is transferred onto an object (15) by bringing a carrier (13), provided in a holder (16) and being provided with printing medium (10-11-12), into contact with the object (15), such that the printing medium (10-11-12) is transferred from the carrier (13) onto the object (15), characterized in that the printing device (14) comprises means (32) which grip, more particularly, clamp, the carrier (13) within the circumference determined by the location where the carrier (13) is connected to the holder (16).

16.- Printing device ~~for printing objects, of the type~~ ACCORDING TO CLAIM 13, 14 OR 15 whereby printing medium (10-11-12) is ~~transferred~~ onto an object (15) by bringing a ~~carrier (13)~~, which is provided with printing medium ~~(10-11-12)~~, into contact with the object ~~(15)~~, such that the printing medium (10-11-12) is ~~transferred from the carrier (13) onto the object (15)~~, characterized in that the printing device (14) comprises a chamber-shaped part (34) which is open at one side (33), whereby the open side (33) thereof can be sealed by a carrier (13) presented or present in the printing device (14), such that the chamber-shaped part (34) forms a closed chamber in which a pressure can be created with the purpose of assisting in pressing the carrier (13) around the object (15).